

FIG. 1

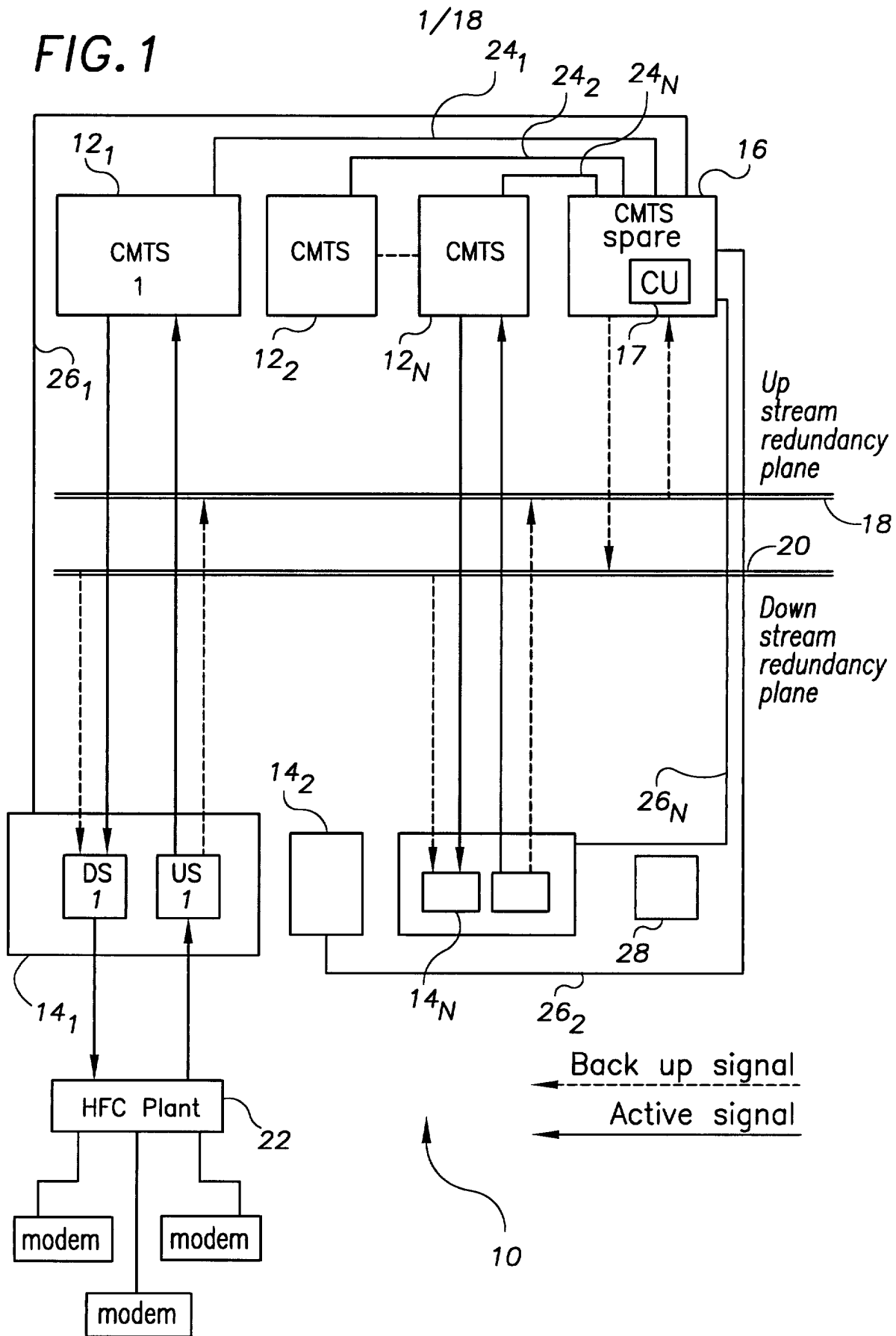
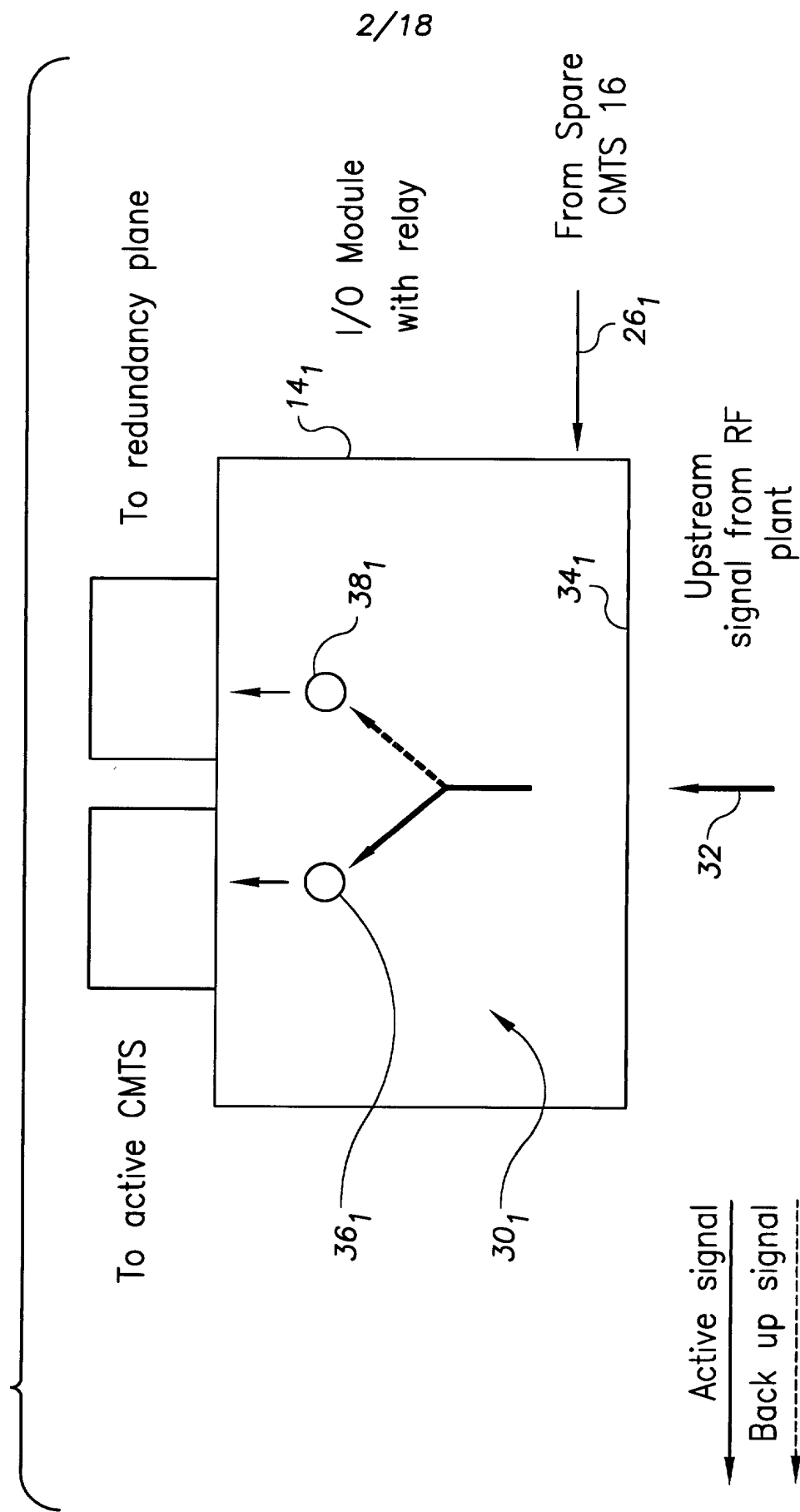


FIG. 2



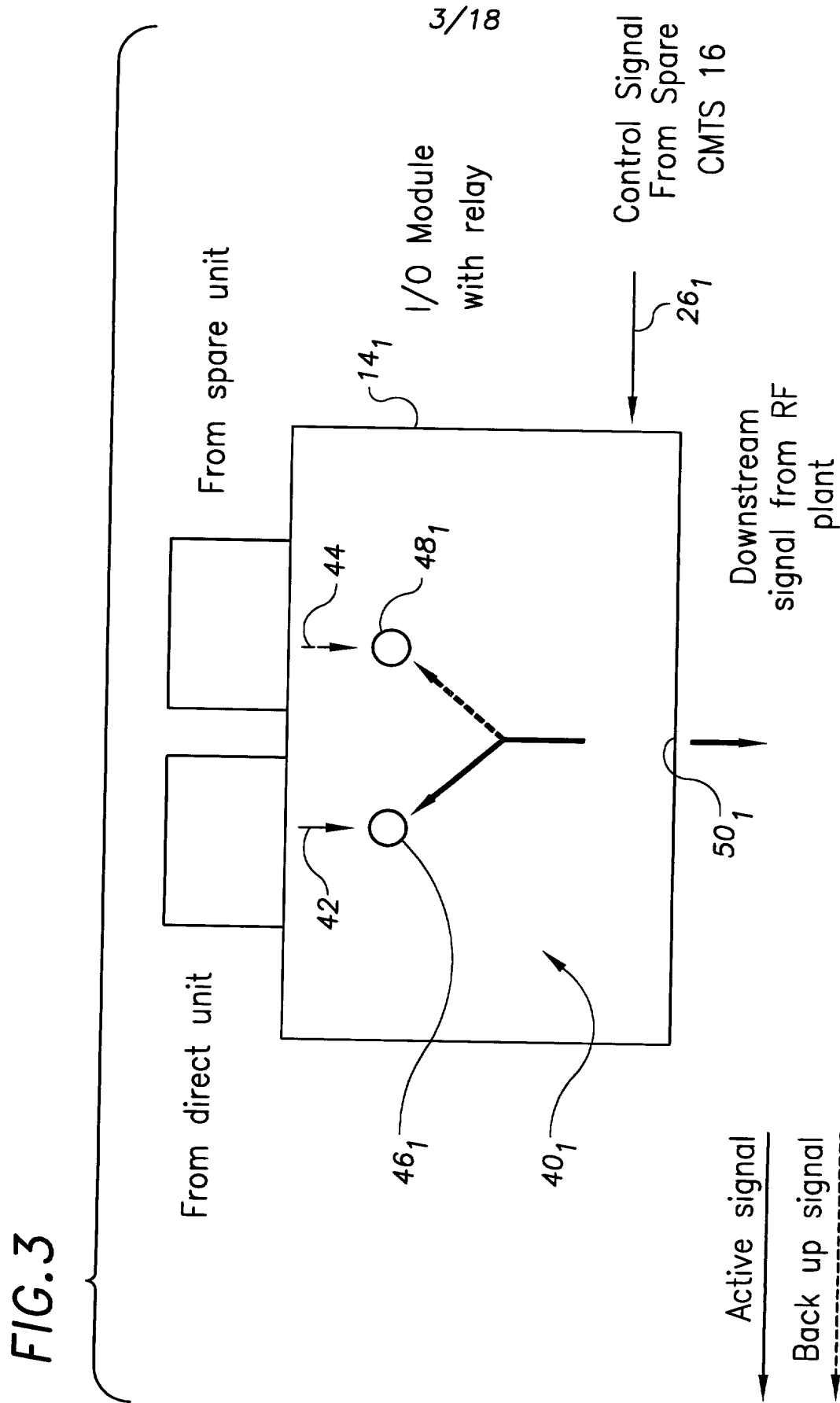
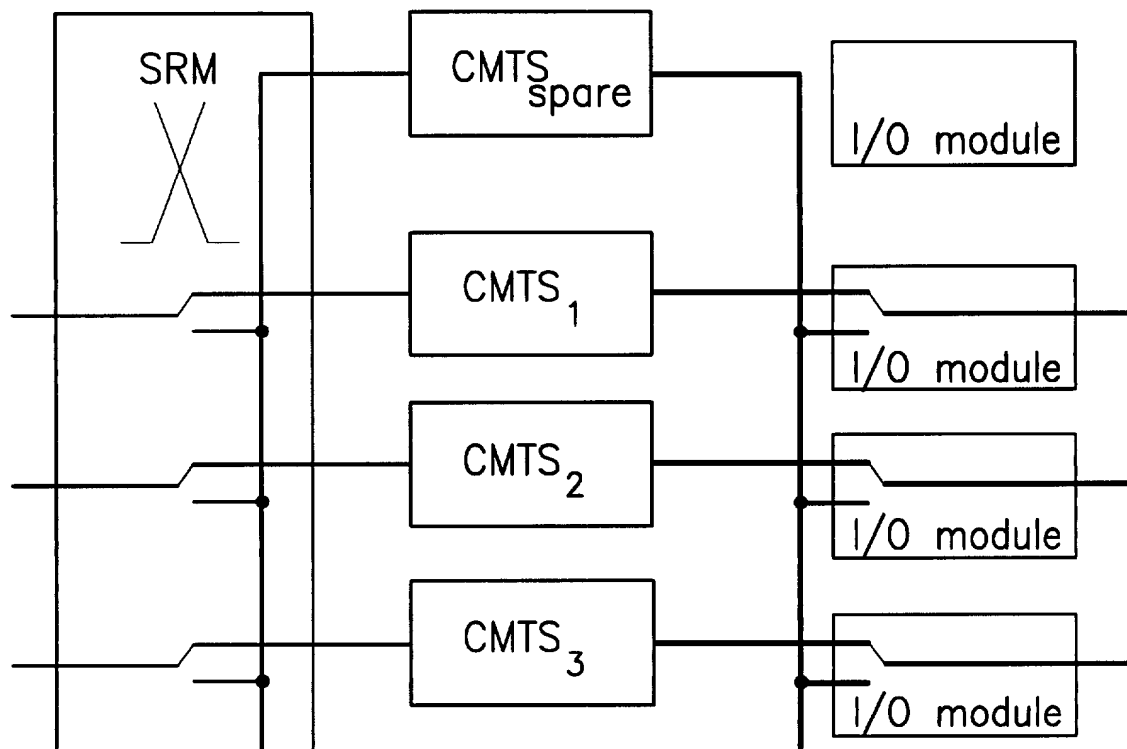


FIG. 4



The diagram illustrates a redundancy midplane architecture. On the left is the **CMTS board**, labeled 12_1 . On the right is the **connection module**. A **redundancy midplane** is indicated at the bottom. The connection module contains several components and paths:

- 40₁**: A component at the top of the connection module.
- 46₁** and **48₁**: Components within the upper section of the connection module.
- 68₁** and **62₁**: Components within the lower section of the connection module.
- 66₁**: A component at the bottom of the connection module.
- RF relay**: A component at the bottom of the connection module.
- working** and **failed** labels: Indicate the operational status of different paths or components.
- 50₁** and **60₁**: Labels for specific paths or components.
- 64**: A component or path label.
- To cable plant**: An output path from the connection module.

redundancy midplane

FIG. 6

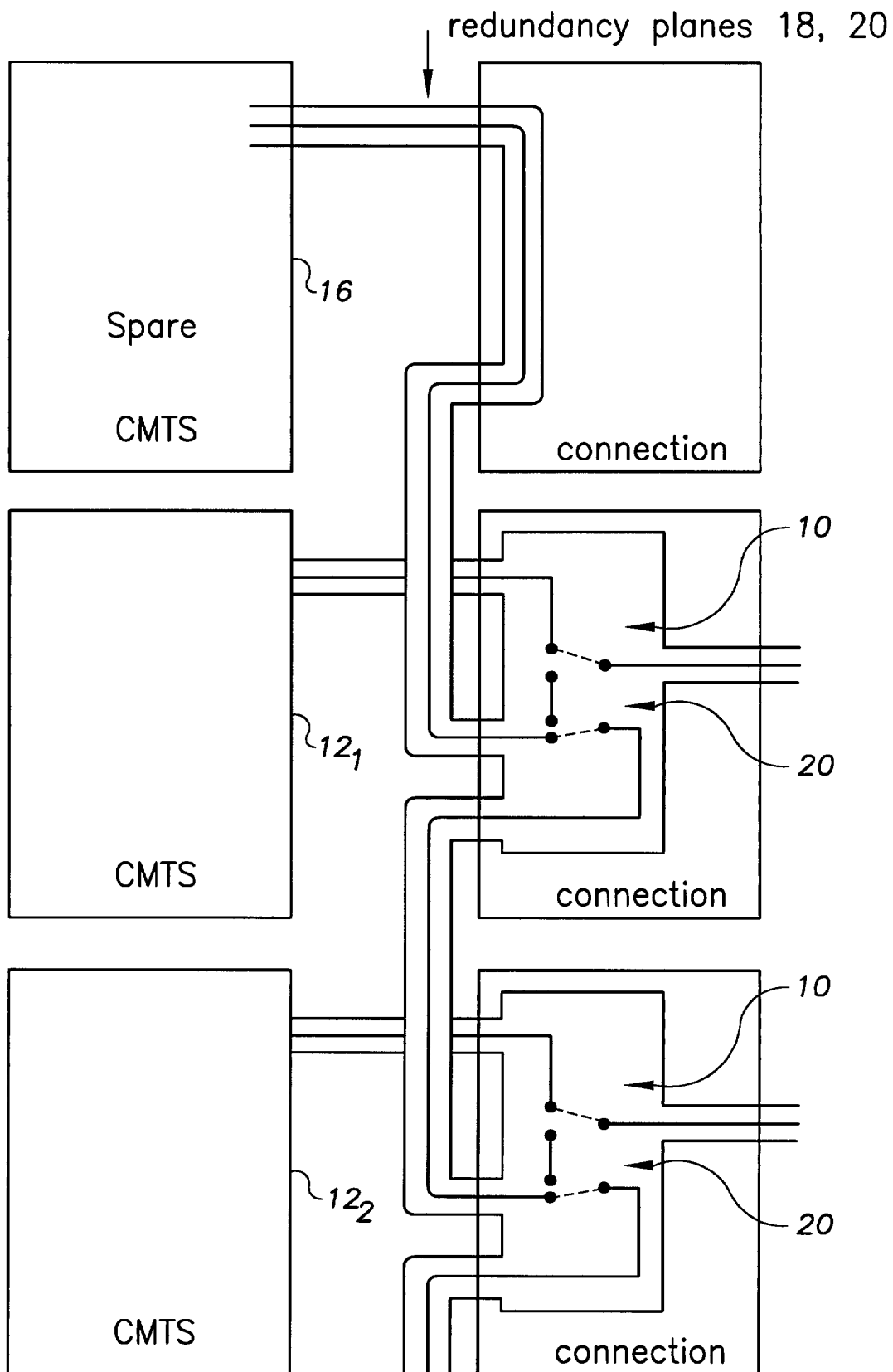


FIG. 7

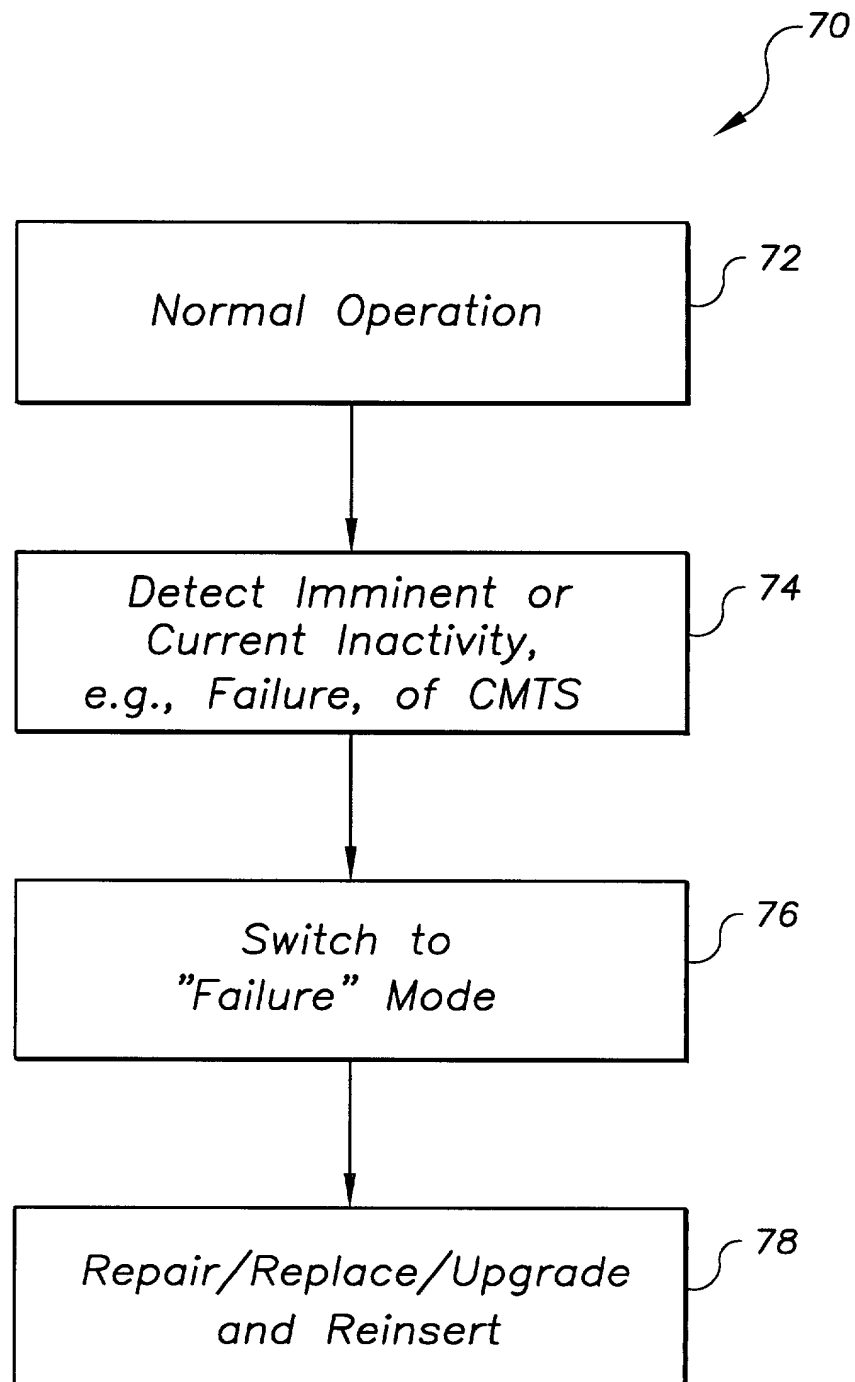


FIG. 8

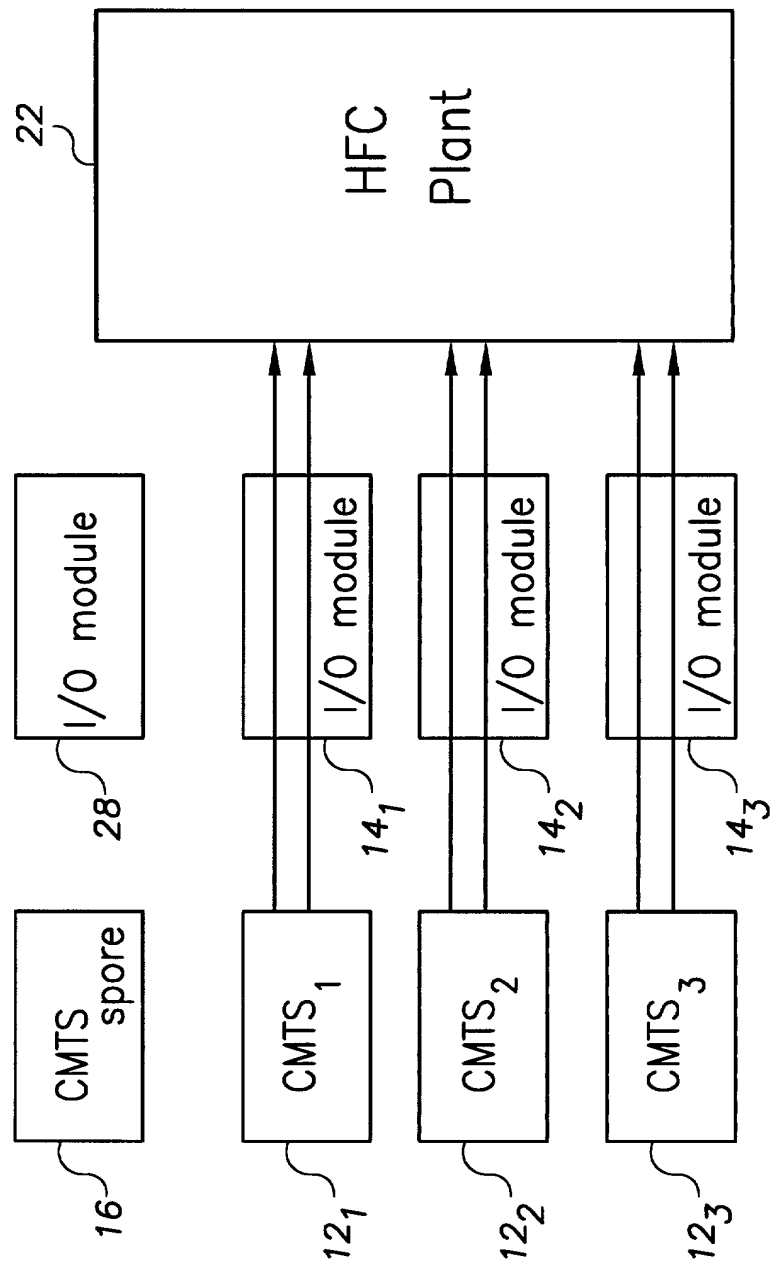


FIG. 9

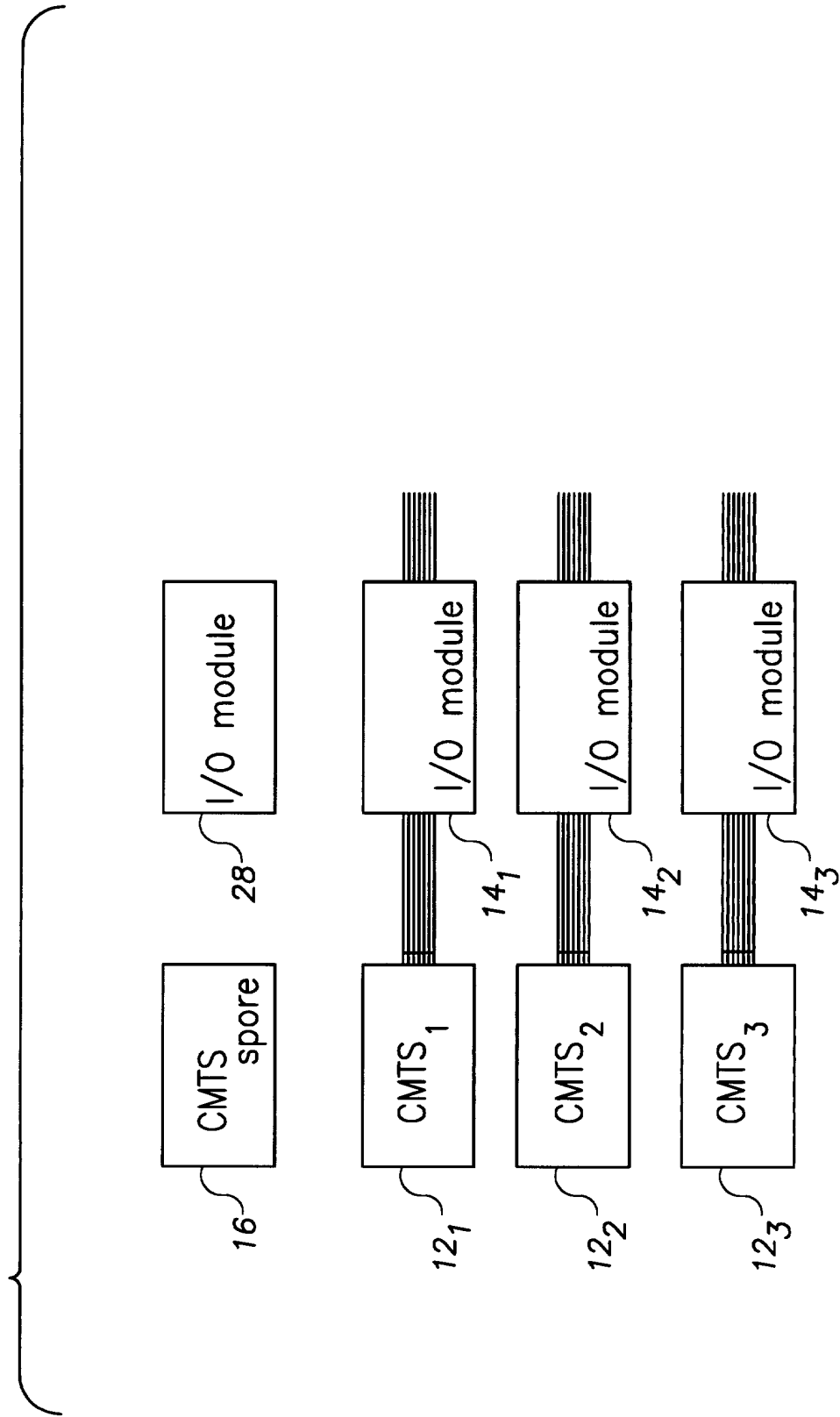
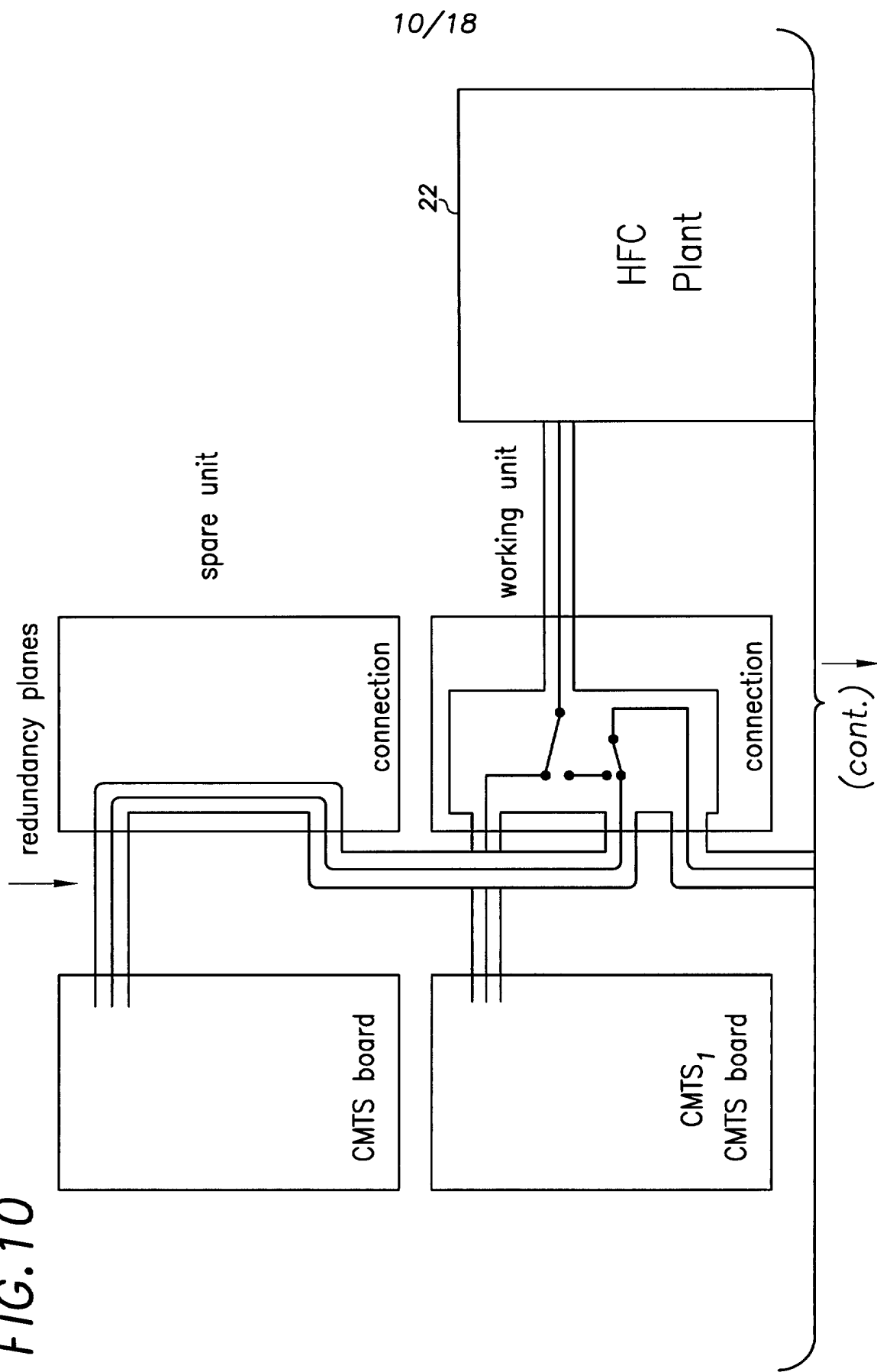


FIG. 10



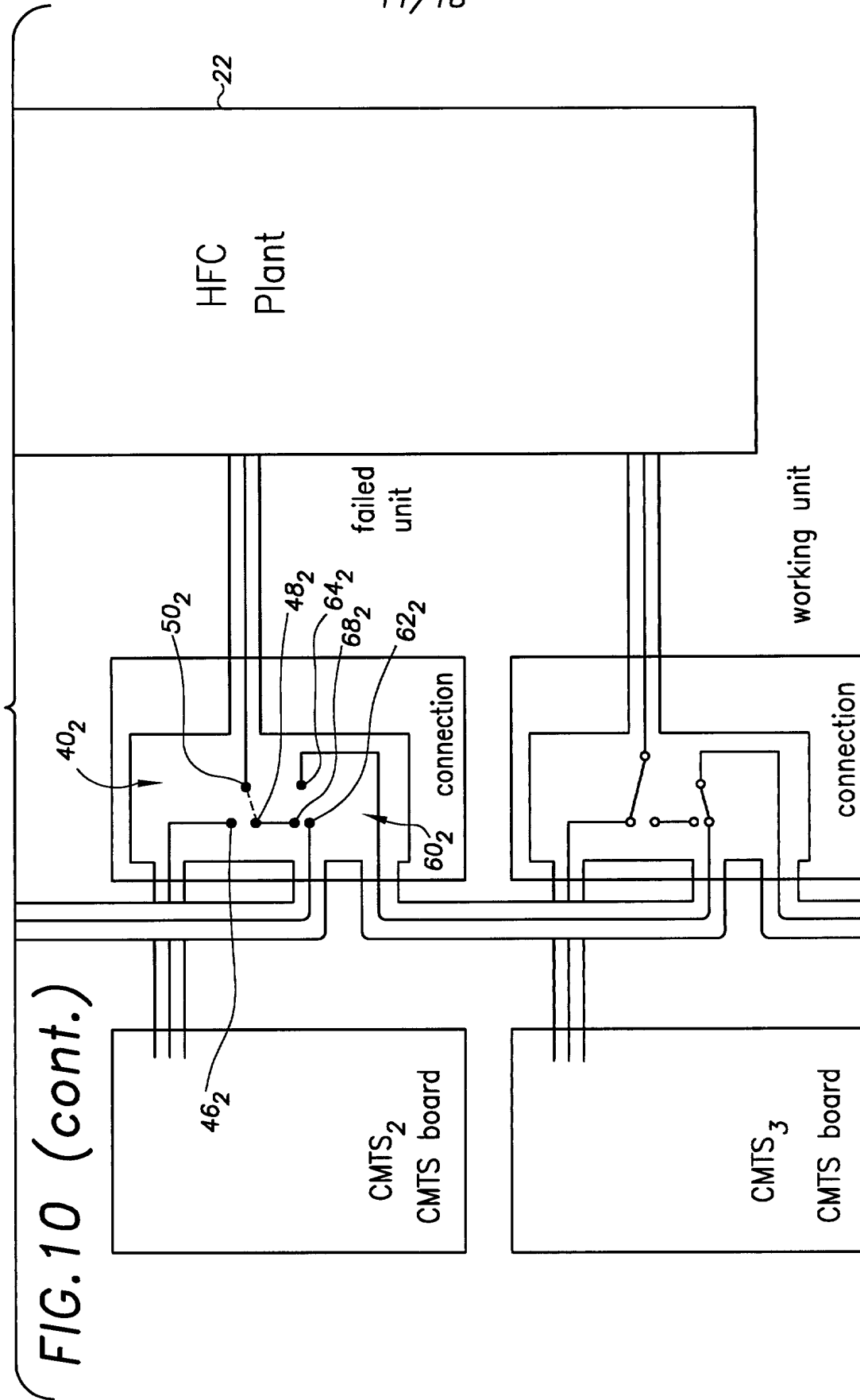


FIG. 11

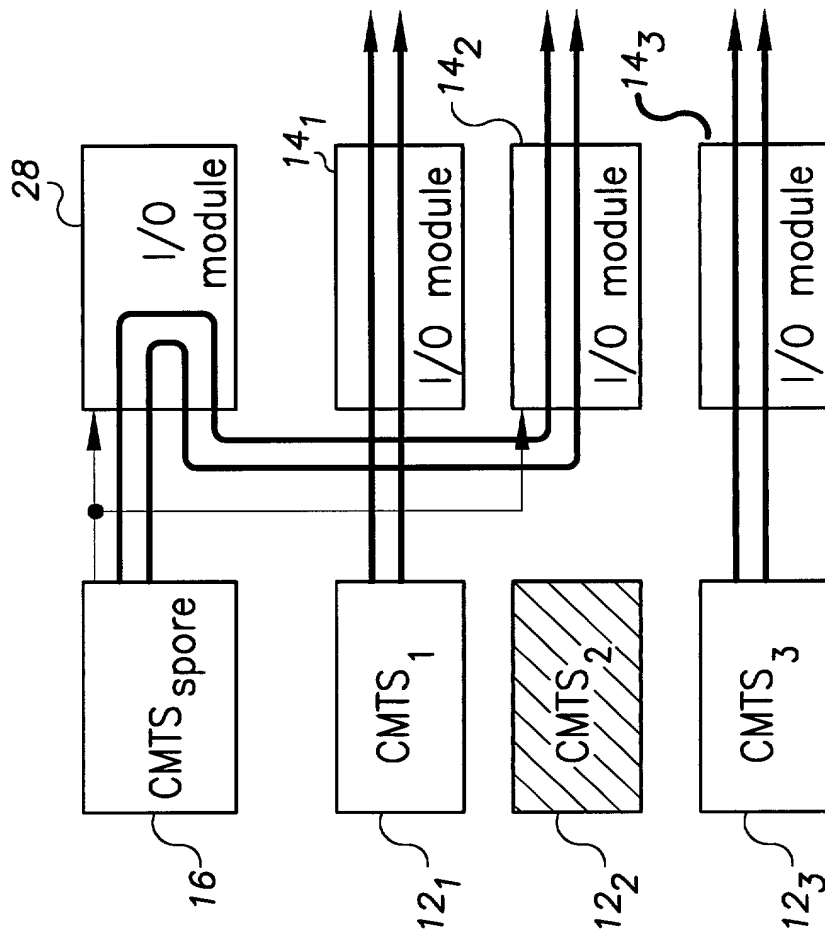


FIG. 12

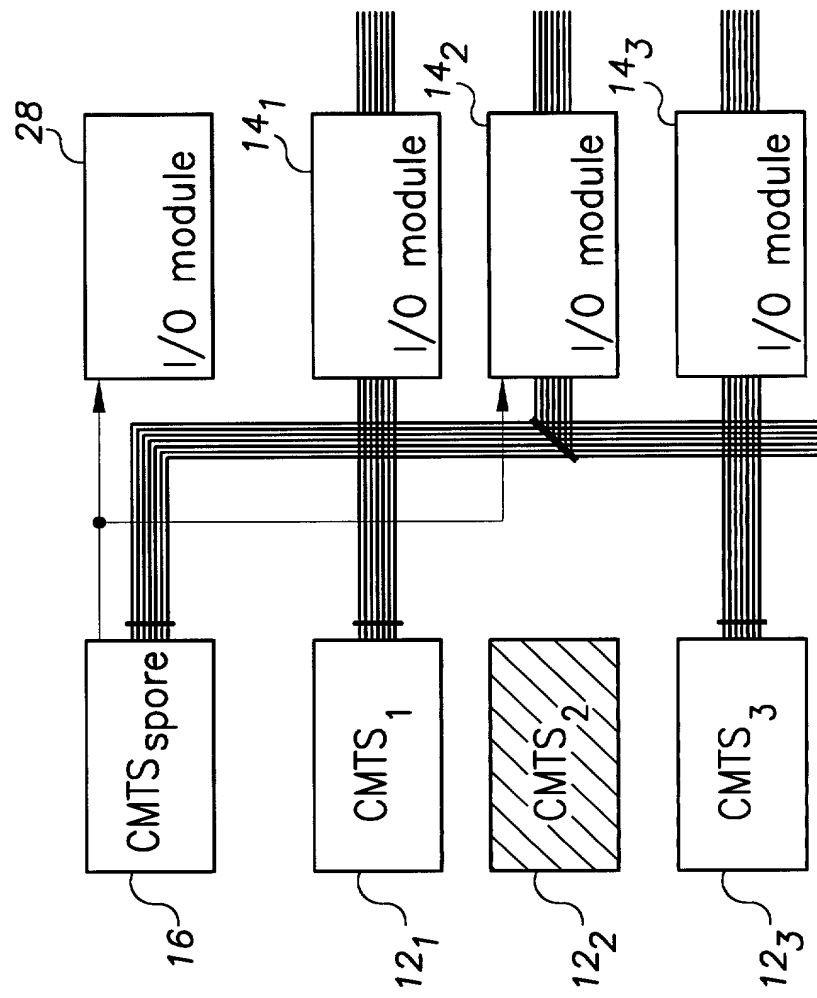


FIG. 13

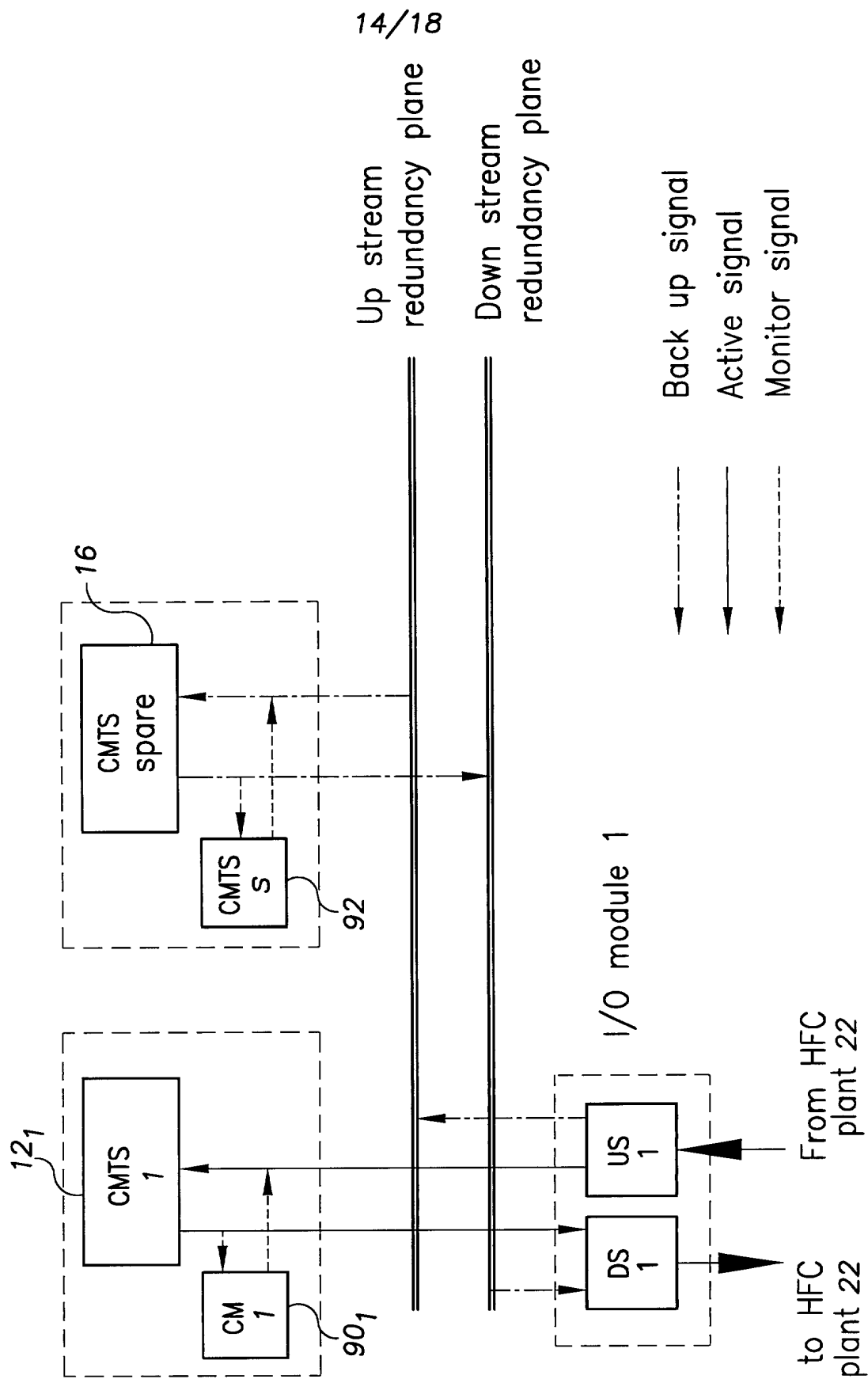


FIG. 14

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100

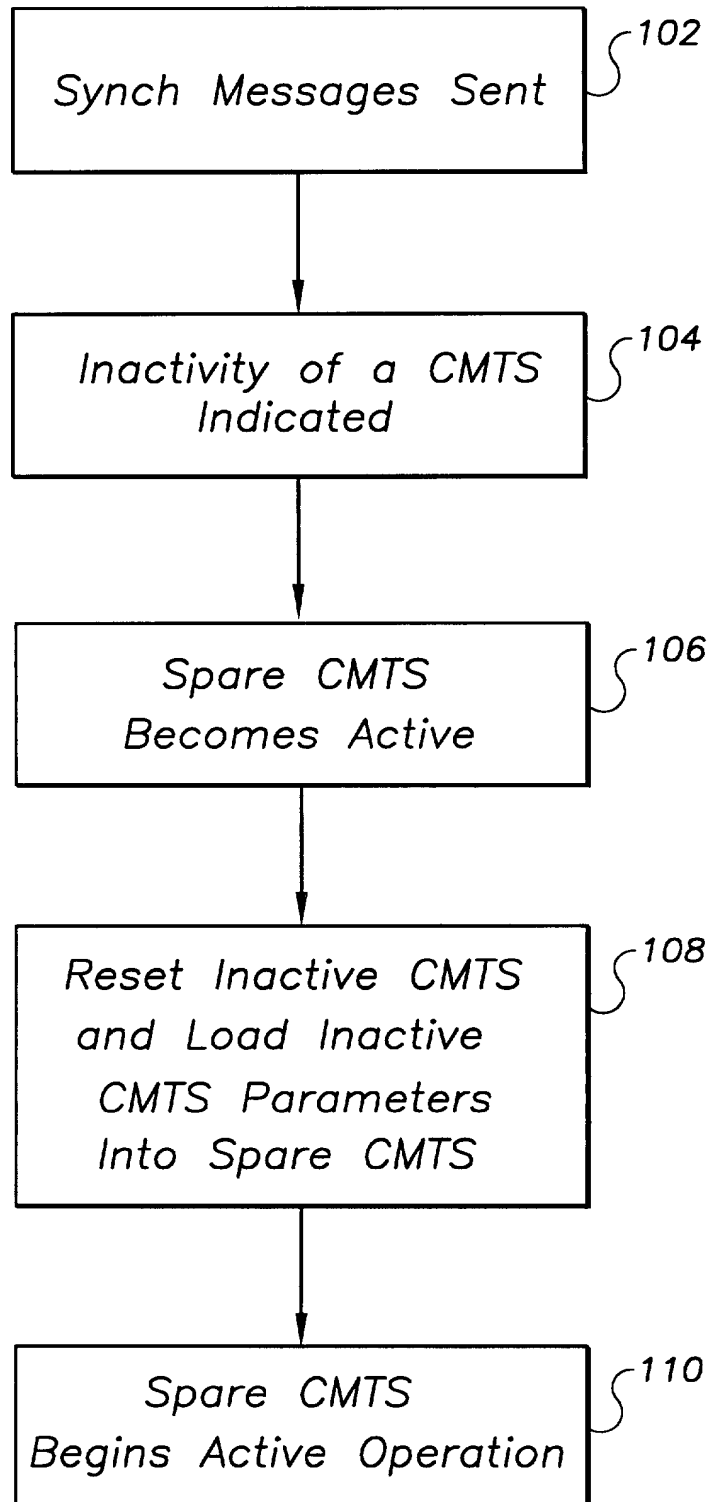


FIG. 15

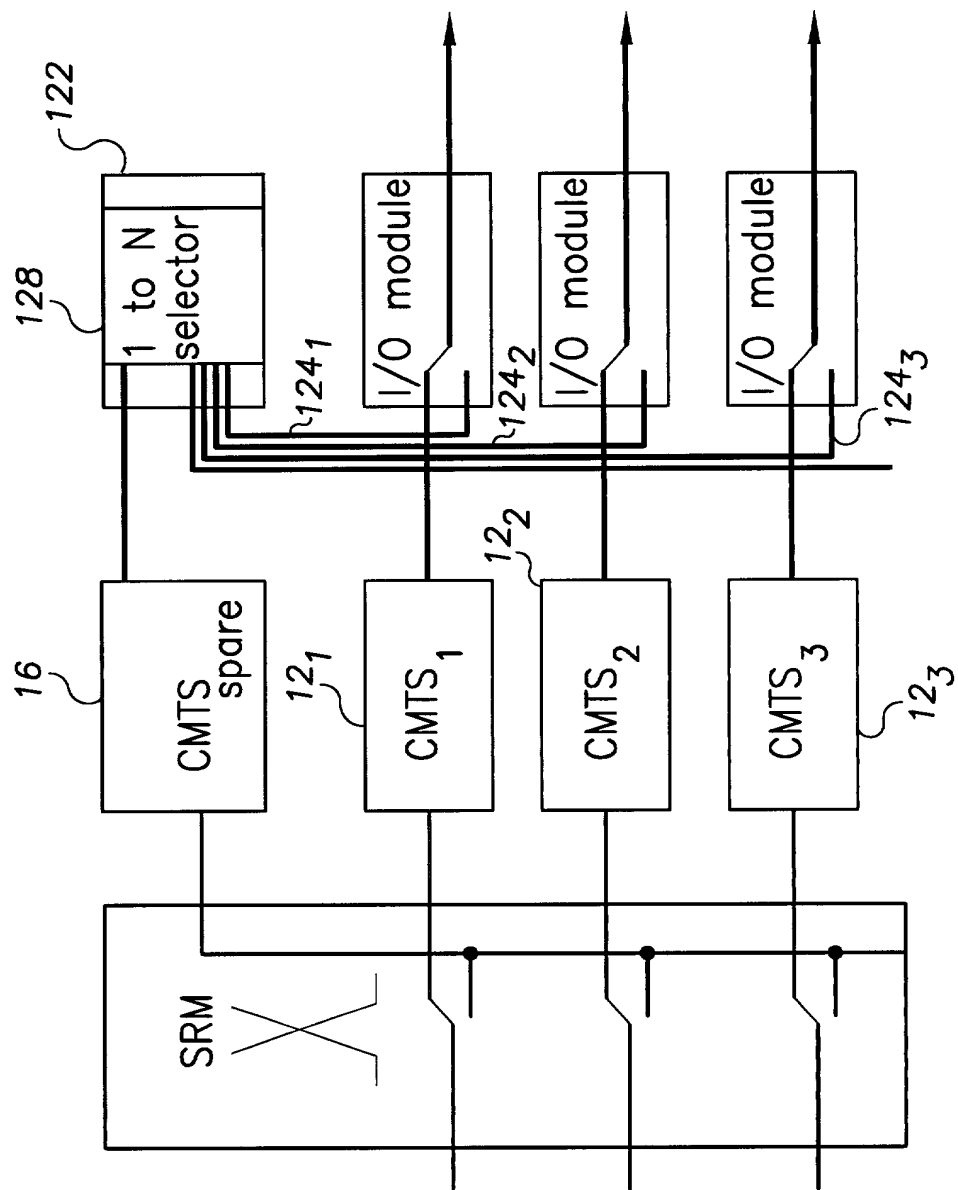


FIG. 16

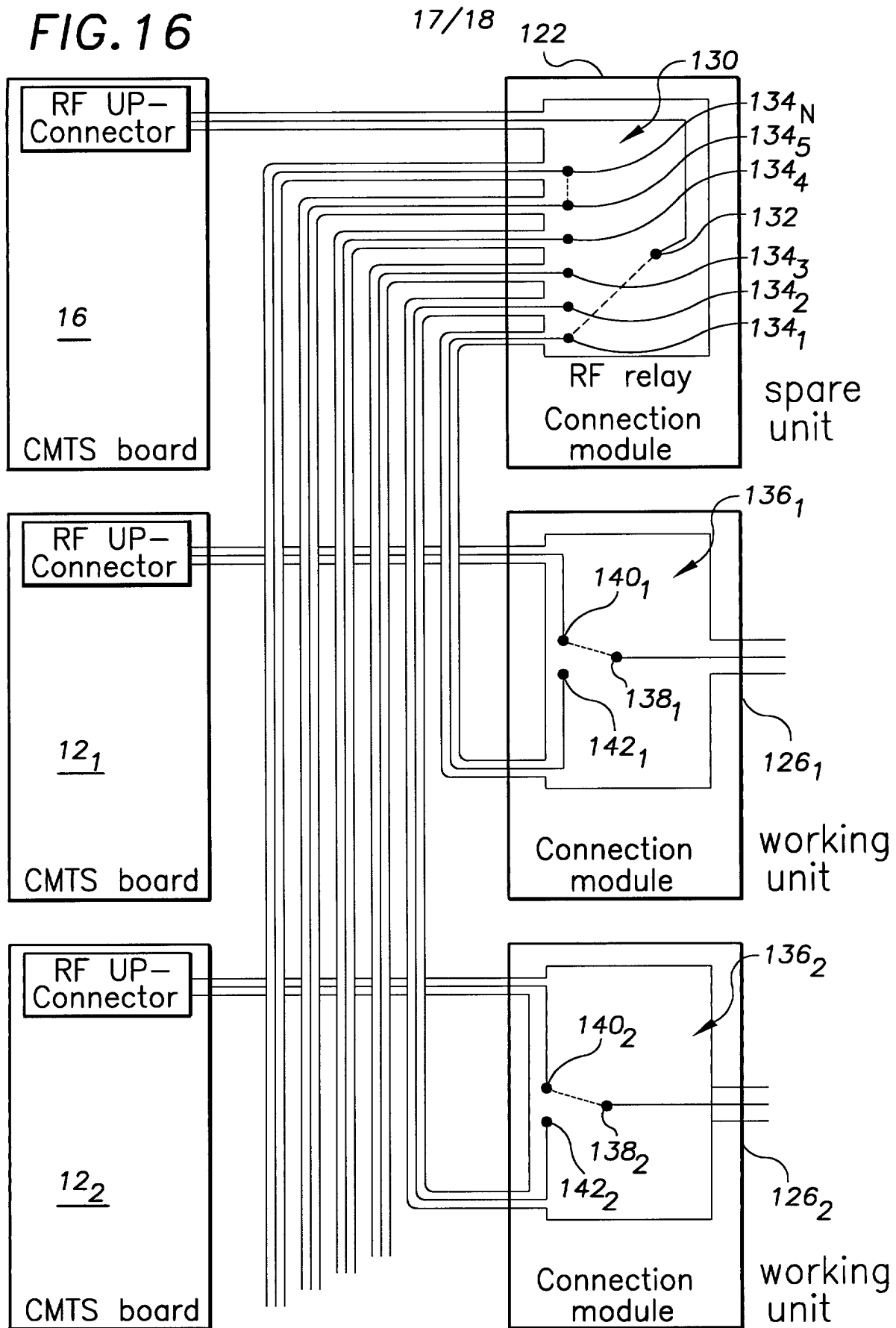


FIG. 17

